# Mini 1103

Mini Assistant

## Maximize your mobility with HP's most affordable companion PC, featuring a modern black design, 10.1-inch diagonal WSVGA display, and software for quick access to key information.

Windows®. Life without Walls™. HP recommends Windows 7.

**Lightweight design for mobile professionals**
The miniature size of the HP Mini 1103 delivers a rich mobile internet[1] experience, while empowering mobile professionals to get more accomplished with its lightweight design. With a starting weight of only 2.78 lb (1.26 kg),[2] simply grab your companion PC and you're ready for business on the go.

**Stylish good looks**
The HP Mini 1103 comes with a modern black design that's stylish and professional. The 93% full-size keyboard and touchpad offer notebook familiarity for a comfortable typing experience. The 10.1-inch diagonal LED-backlit WSVGA display (1024 x 600 resolution) presents a good view.

**Quick access to key information**
HP QuickWeb grants access to the web in seconds… even if your notebook is turned off.[3] Use your HP Mini 1103 to tap into fast, convenient, and more secure access to the Internet so you can move on and ahead.

**Super-small, low-power Intel® Atom™ processor**
Intel's smallest processor to date enables the HP Mini 1103 to run cooler, use less power, and improve battery life.[4]

**Stay connected**
Integrated HP Mobile Broadband[5] allows you to access the Internet, company intranet, and e-mail in more places than ever before. With Wi-Fi CERTIFIED™ WLAN[6] you can send and receive e-mails or access the Internet—at work, at home and at your favorite hotspots, while integrated Bluetooth® wireless technology provides wireless short-range communication or connectivity between other Bluetooth devices[7] such as printers, mice, and headsets.

Experience video, still-image capture, web conferencing, or video-enhanced instant messaging with the integrated VGA webcam.[8]

**Flexible battery solutions**
The HP Mini 1103 offers two optional[7] battery solutions for lightest weight configurations or all-day computing.[4] Choose from the 3-cell or 6-cell battery options to maximize your business mobility.

THE COMPUTER IS PERSONAL AGAIN.

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| SPECIFICATIONS | |
|---|---|
| **Operating system** | **Preinstalled**<br>Genuine Windows 7 Starter 32[9]<br>Genuine Windows 7 Professional 32[9]<br>SUSE Linux—SLED 11<br>FreeDOS |
| **Processor** | Intel® Atom N455 or N475[10] Processors (up to 1.83 GHz, 512 KB L2 cache, 667 MHz FSB) |
| **Chipset** | Intel® NM10 Express Chipset |
| **Memory** | DDR3 running at 667 MHz, one SODIMM memory slot; supports up to 2 GB*<br>*Maximum memory is 1 GB with some configurations |
| **Internal Storage[11]** | 160/250/320 GB 7200 rpm 2,5-inch SATA |
| **Removable Storage** | Optional HP external USB optical drive[7] |
| **Display** | 10.1-inch diagonal LED-backlit WSVGA (1024 x 600) |
| **Graphics** | Intel® HD Graphics[12] |
| **Audio/Visual** | High Definition Audio, 1x mono speakers, internal mono microphones, combo headphone/microphone jack; integrated VGA webcam[8] |
| **Wireless Support** | Optional HP un2420 EV-DO/HSPA Mobile Broadband Module (requires mobile network operator service),[13,14] optional Atheros 802.11 b/g/n,[1] Broadcom 802.11 b/g/n,[1] Broadcom 802.11 b/g/n[1] and Bluetooth™ 3.0 + HS combo adapter,[7] or Ralink 802.11 b/g/n[1] and Bluetooth™ 3.0 + HS combo adapter;[7] HP Wireless Assistant |
| **Communications** | Ethernet (10/100 NIC) |
| **Ports and Connectors** | (3) USB 2.0 ports, VGA, RJ-45/Ethernet, combo headphone/microphone jack, AC adapter (non-Smart) |
| **Expansion Slots** | 4-in-1 Media Card Reader |
| **Input Device** | 93% full-size QWERTY keyboard, touchpad with scroll zone |
| **Software** | Microsoft® Office 2010 Preloaded—Purchase Key,[15] Corel® Office,[16] HP QuickWeb[3] |
| **Security** | Kensington Lock slot, Computrace Persistence Module in the BIOS[17] |
| **Dimensions (h x w x d)** | 0.89 (at front) x 10.55 x 7.52 in/22.8 (at front) x 268 x 191 mm |
| **Weight** | Starting at 2.78 lb/1.26 kg (weight will vary by configuration) |
| **Power** | 3-cell (28 Wh), or 6-cell (55 Wh) Lithium-Ion battery,[7] 3-pin 40W non-Smart AC adapter |
| **Expansion Solutions[7]** | Optional HP USB 2.0 Docking Station,[18] external USB optical drive, 2048 MB memory upgrade module |
| **Warranty** | Limited 1-year and 90-day warranty options available, depending on country; 1-year limited warranty on primary battery. Optional HP Care Pack Services[19] are extended service contracts that go beyond your standard warranties. For more details visit: http://www.hp.com/go/lookuptool. |

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1. Wireless access point required and is not included. Availability of public wireless access points limited. Wireless Internet use requires separately purchased Internet service contract.
2. Weight will vary by configuration.
3. HP QuickWeb is accessible when the notebook is off in Windows XP, Windows Vista, or Windows 7-based systems. Internet access is required. Timing may vary depending on the system configuration. To enable the feature following the removal of the battery, reboot the notebook prior to subsequent use. Not available on most HP Minis.
4. Battery life will vary depending on the product model, configuration, loaded applications, features, use, wireless functionality and power management settings. The maximum capacity of the battery will naturally decrease with time and usage. See MobileMark07 battery benchmark www.bapco.com/products/mobilemark2007 for additional details.
5. WWAN Wireless use requires separately purchased service contract. Check with local service provider for coverage area and availability in your area. Limited to mobile network operator coverage areas. Separately purchased mobile network operator service is required.
6. Wireless access point and Internet service required and sold.
7. Sold separately or purchased as an optional feature.
8. Internet service required.
9. This system may require upgraded and/or separately purchased hardware and/or a DVD drive to install the Windows 7 software and take full advantage of Windows 7 functionality. See http://www.microsoft.com/windows/windows-7/ for details.
10. Intel's numbering is not a measurement of higher performance.
11. For hard drives, GB = 1 billion bytes. Actual formatted capacity is less. Up to 8 GB of memory is reserved for system recovery software.
12. HD content required to view HD images.
13. Gobi Wireless Technology disclaimer: Gobi technology requires separately purchased wireless data service contracts. Check with local service provider for coverage and availability in your area.
14. Gobi Wireless Technology speed disclaimer: Broadband connection requires wireless data service contract, network support, and is not available in all areas. Contact service provider to determine the coverage area and availability. Connection speeds will vary due to location, environment, network conditions, and other factors.
15. Includes reduced functionality versions of Word and Excel. Purchase of Product Key required to activate full Office 2010 suite available at participating resellers/retailers and www.office.com
16. Corel Office 60-day trial version included. Functionality is limited afterwards. Full version requires purchase.
17. The Computrace Agent is shipped turned off and must be activated by customers when they purchase a subscription. Subscriptions can be purchased for terms ranging from one to five years. Service is limited, check with Absolute Software for service availability outside of North America. For more information, visit www.absolute.com.
18. Some HP Docking Stations may not support every feature of some HP Business notebook models. Please refer to the individual notebook and docking station documentation for specific information about supported features.
19. Service levels and response times for HP Care Packs may vary depending on your geographic location. Service starts on date of hardware purchase. Restrictions and limitations apply. For details, visit www.hp.com/services/carepack.

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